

### VIOLET

**Lenses especially designed for UV-C lighting applications like surface, air and water disinfection**

VIOLET is the first standard silicone optic in the world designed specifically for UV-C applications. The highly resistant silicone together with stainless steel frame allows creation of ingress protected luminaires ideal for surface, air and water UV disinfection as well as for prevention of plant disease and insect infestation. The 12-lens linear array is made from a special silicone grade to have high UV-transmittance and supports LED clustering for flexible output ranges.

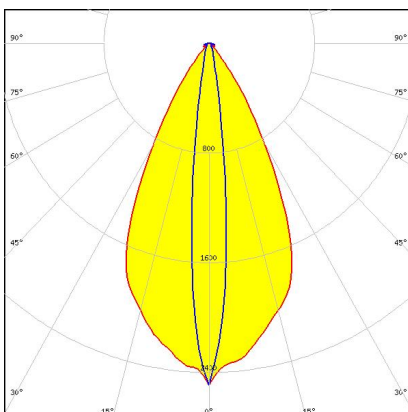
### VIOLET-12X1

**295 x 42 mm 12X1 linear lenses**



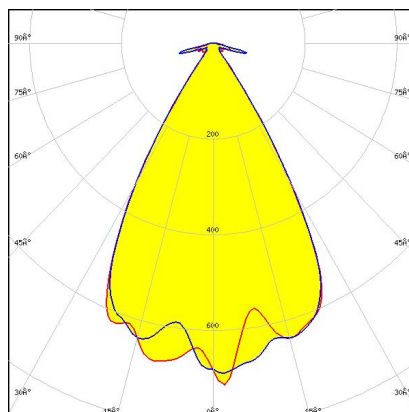
### PRODUCTS:

#### FN18590\_VIOLET-12X1-O



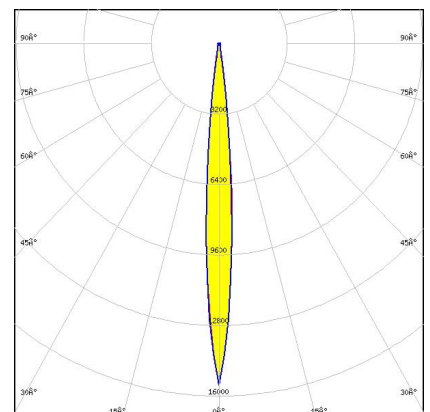
**Dimensions: 294.8 mm x 41.6 mm**  
**Height: 8.80 mm**  
~50+10° oval beam

#### FN17818\_VIOLET-12X1-W



**Dimensions: 294.8 mm x 41.6 mm**  
**Height: 8.80 mm**  
~60° wide beam

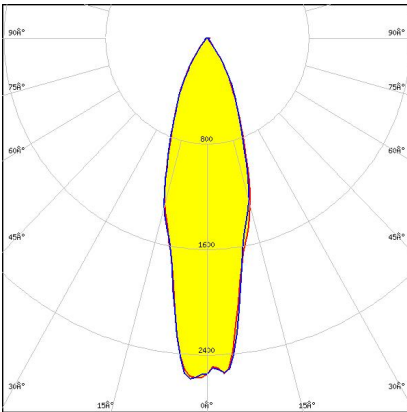
#### FN17810\_VIOLET-12X1-RS



**Dimensions: 294.8 mm x 41.6 mm**  
**Height: 8.80 mm**  
~14° wide beam

## PRODUCTS:

### FN17294\_VIOLET-12X1-S



**Dimensions: 294.8 mm x 41.6 mm**

**Height: 8.80 mm**

~20° wide beam when used with one UV  
LED

### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

### MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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Hong Kong, China

#### Distribution Partners

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